



CERTIFICATE OF MAILING (37 CFR 1.8)

PATENT

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Date: 8/6/04

*Patti Hespell*  
Patti Hespell

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

SERIAL NUMBER 09/204,888	FILING DATE 03 DEC 1998	FIRST NAMED INVENTOR ELDERING	ATTY. DKT. NO. 8887-3002 (T702-00)
TITLE SUBSCRIBER CHARACTERIZATION SYSTEM		ART UNIT 2611	EXAMINER BUI, KIEU OANH T

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §1.97, Applicants hereby wish to make of record the references listed on the accompanying PTO Forms SB/08A and 08B for consideration by the Examiner in the examination of the above-identified patent application. Copies of the patent documents are enclosed.

This Information Disclosure Statement is being submitted:

- (1) within three (3) months of the filing date, entry into national phase in an international application or before the mailing date of the First Office Action; or
- (2) after the period defined in (1) above but before the mailing date of a Final Rejection or Notice of Allowance, and
  - Certification is made below, or
  - The check, or authorization to charge deposit account no. **501535**, in the amount of the fee set forth by 37 C.F.R. §1.17(p) is attached.
- (3) after the mailing date of a Final Rejection or Notice of Allowance but before the payment of the Issue Fee, and
  - Applicant hereby Petitions the Commissioner to consider the attached references; Certification is made below and the fee is included.

## CERTIFICATION

Applicant(s) certify that:

- (1) Each item or reference was cited in a communication from a foreign patent office in a corresponding foreign application not more than three months prior to the filing date of the Statement; or
- (2) No item or reference was cited in a communication from a foreign patent office in a corresponding foreign application or, to the knowledge of the Applicant(s), was not known more than three months prior to the filing of the Statement.

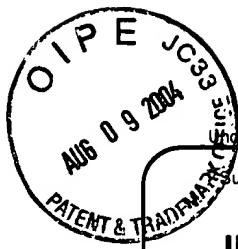
Respectfully submitted,



Douglas J. Ryder  
Reg. No. 43,073

Date: 8/6/04

Expanse Networks, Inc.  
6206 Kellers Church Road  
Pipersville, PA 18947  
(215)766-2100



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Substitute for form 1449/PTO

08/06/04

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

Sha

11

of 1

<i>Complete if Known</i>	
Application Number	09/204,888
Filing Date	03 DEC 2000
First Named Inventor	ELDERING
Art Unit	2611
Examiner Name	BUI, KIEU OANH T
Attorney Docket Number	8887.3002 (T702-00)

**U. S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
CAA	WO9952285		10-14-1999	HENDRICKS		
CBB	WO9960789		11-25-1999	KNEE		
CCC	CA2323166		04-13-01	BACSO		

Examiner Signature		Date Considered	
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEET TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** **(\$)** 0.00\*\***Complete if Known**

Application Number	09/204,888
Filing Date	03 DEC 2000
First Named Inventor	ELDERING
Examiner Name	BUI, KIEU OANH T
Art Unit	2611
Attorney Docket No.	8887.3002 (T702-00)

**METHOD OF PAYMENT (check all that apply)**
 Check  Credit card  Money Order  Other  None

 Deposit Account:

 Deposit Account Number  
 501535  
 Expance Networks, Inc.

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Fee Code (\$)	Fee	Small Entity	Fee Code (\$)	Fee	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	0.00		
1002	340	2002	170	Design filing fee	0.00		
1003	530	2003	265	Plant filing fee	0.00		
1004	770	2004	385	Reissue filing fee	0.00		
1005	160	2005	80	Provisional filing fee	0.00		
<b>SUBTOTAL (1)</b>		<b>(\$)</b> 0.00					

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		Extra Claims	Fee from below	Fee Paid
Total Claims	18	-58** = 0	x 9.00	= 0.00
Independent Claims	4	- 5** = 0	x 43.00	= 0.00
Multiple Dependent				

Large Entity	Fee Code (\$)	Fee	Small Entity	Fee Code (\$)	Fee	Fee Description
1202	18	2202	9	Claims in excess of 20		
1201	86	2201	43	Independent claims in excess of 3		
1203	290	2203	145	Multiple dependent claim, if not paid		
1204	86	2204	43	** Reissue independent claims over original patent		
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent		
<b>SUBTOTAL (2)</b>		<b>(\$)</b> 0.00				

\*\*or number previously paid, if greater; For Reissues, see above

**3. ADDITIONAL FEES**

Large Entity	Fee Code (\$)	Fee	Small Entity	Fee Code (\$)	Fee	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath			
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet			
1053	130	1053	130	Non-English specification			
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination			
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
1251	110	2251	55	Extension for reply within first month			
1252	420	2252	210	Extension for reply within second month			
1253	950	2253	475	Extension for reply within third month			
1254	1,480	2254	740	Extension for reply within fourth month			
1255	2,010	2255	1,005	Extension for reply within fifth month			
1401	330	2401	165	Notice of Appeal			
1402	330	2402	165	Filing a brief in support of an appeal			
1403	290	2403	145	Request for oral hearing			
1451	1,510	1451	1,510	Petition to institute a public use proceeding			
1452	110	2452	55	Petition to revive - unavoidable			
1453	1,330	2453	665	Petition to revive - unintentional			
1501	1,330	2501	665	Utility issue fee (or reissue)			
1502	480	2502	240	Design issue fee			
1503	640	2503	320	Plant issue fee			
1460	130	1460	130	Petitions to the Commissioner			
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)			
1806	180	1806	180	Submission of Information Disclosure Stmt			
8021	40	8021	40	Recording each patent assignment per property (times number of properties)			
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))			
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))			
1801	770	2801	385	Request for Continued Examination (RCE)			
1802	900	1802	900	Request for expedited examination of a design application			

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** **(\$)** 0.00

\*\*Fee pd electronically

**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Douglas J. Ryden	Registration No. (Attorney/Agent)	43,073	Telephone	(215)766-2100
Signature		Date	August 6, 2004		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

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PTO/SB/21 (08-00)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)  
CUSTOMER NUMBER

27832

Total Number of Pages in This Submission **190**

Application Number **09/204,888**

Filing Date **3 December 1998**

First Named Inventor **ELDERING**

Group Art Unit **2611**

Examiner Name **BUI, KIEU OANH T**

Attorney Docket Number **T702-00 (8887.3002)**

### ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

Remarks

Cited References (181 pgs.)

Return Receipt Postcard

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Certificate of Mailing

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Technology, Patents and Licensing, Inc. Douglas J. Ryder, Reg. No. 43,073
Signature	
Date	8/6/04

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Typed or printed name	Patti Hespell
Signature	
Date	8/6/04

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Electronic Version v0.8

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## FEE TRANSMITTAL

Title of Invention	Subscriber Characterization System		
Application Number:	09/204888	*09/204888*	
Date:	1998-12-03		
First Named Applicant:	Charles A Eldering		
Attorney Docket Number:	8887-3002		
Art Unit:	2611		
Examiner:	Kieu Oanh T Bui		
<b>TOTAL FEE AUTHORIZED \$180</b>			
Patent fees are subject to annual revisions on or about October 1st of each year.			
<b>BASIC FILING FEE</b>			
Fee Description	Fee Code	Amount \$	Fee Paid \$
Submission Of Information Disclosure Stmt Fee	1806	180	180
<b>AUTHORIZED BILLING INFORMATION</b>			
The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:			
Deposit account number:	501535		
Access Code	*****		
Deposit name:	Expanse Networks, Inc.		
Deposit authorized name:	Patti Hespell		
Signature:	/plh/		
Date (YYYYMMDD):	2004-08-05		
Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.			



PTO/SB/92 (08-03)

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on 8/06/04  
Date

1. Transmittal (1 pg.)
2. Fee Transmittal in duplicate (2 pgs.)
3. Information Disclosure Statement (3 pgs.)
4. PTO SB/08A (1 pg.)
5. Cited References (181 pgs.)
6. Copy of Electronic IDS Filing Fee Receipt (1 pg.)
7. Return Receipt Postcard

Signature

Patti Hespell

Typed or printed name of person signing Certificate

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